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Notice of Allowability	Application No.	Applicant(s)	
	10/823,762	LIN, PEI-SHI	
	Examiner	Art Unit	
	HUNG T. NGUYEN	2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/13/05.
2. ☒ The allowed claim(s) is/are 1-4, 6-8.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |



DISCUSSION OF THE PRIOR ART AND REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: in the examiner's opinion, the allowability of claim 1-4, 6-8 resides in the combination of elements which has been recited in independent claim 1.

Regarding claim 1: Zapach et al. (US 5,842,514) discloses in figures 1-7, a heat duct equipped heat-radiating device for power supply, comprising: a heat conductive board (element 18, see column 3, lines 37-58) having a board body section (portion edge of element 18) fixedly connected in a housing (16) of the power supply (10) and tightly attached to a heat source (20, 22) of the power supply (10); a heat duct (38, 40) tightly bridged over the board body section (portion edge of element 18) of the heat conductive board (element 18, see column 3, lines 37-58) one end of the heat duct (38, 40) protruding outwardly (end portion of 38, 40) from the housing (16) of the power supply (10) and a fin body (14) composed of multiple fins (42), the fin body (14) being fixedly mounted on outer side of the housing (16) of the power supply (10), the fins (42) of the fin body (14) being respectively formed with corresponding fitting holes (elements 42 are being formed with fitting holes, see figures) through which the heat duct (38, 40) is fitted to contact with the fins (42), whereby the heat generated by the heat source (20, 22) of the power supply (10) is quickly conducted through the heat duct (38, 40) to the fin body (14) on outer side of the housing (16) and dissipated from the fin body (14) to outer side.

Zapach et al. does not teach the heat duct having a duct body-tightly attached to and bridged over a connecting seat, the connecting seat being correspondingly locked on the-heat conductive board. There would be no motivation to make these modifications.

Regarding claim 7: Zapach et al. discloses in figures 1-7, a heat duct –equipped heat-radiating device for power supply, comprising: a heat conductive board (element 18, see column 3, lines 37-58) having a board body section (portion edge of element 18) fixedly connected in a housing (16) of the power supply (10) and tightly attached to a heat source (20, 22) of the power supply (10); a heat duct (38, 40) tightly bridged over the board body section (portion edge of element 18) of the heat conductive board (element 18, see column 3, lines 37-58), one end of the heat duct (38, 40) protruding outwardly from the housing (16) of the power supply (10).

Zapach et al. does not teach the heat duct having a duct body positioned between a connecting seat and the heat conductive board, whereby by means of screws, the connecting seat and the heat conductive board are tightened toward each other to tightly clamp the heat duct. There would be no motivation to make these modifications.

Art Unit: 2841

Relevant Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Hussaini (US 6,411,514) teaches heat dissipating assembly, Shinohara et al. (US 6,292,363) teaches cooling for heat radiation, Apfelbacher et al. (US 6,856,503) teaches plurality of heat sink, Baker et al. (US 6,087,800) teaches heat sink with plurality fins.

Conclusion

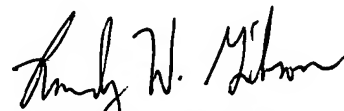
Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUNG T. NGUYEN whose telephone number is 571-272-5983. The examiner can normally be reached on 8:00AM - 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KAMMIE CUNEO can be reached on 571-272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

HN

HUNG THANH NGUYEN

4/13/06


RANDY W. GIBSON
PRIMARY EXAMINER